

SEQUENCE LISTING

<110> Agrinomics LLC

<120> GENERATION OF PLANTS WITH ALTERED OIL CONTENT

<130> AG04-005C-PC

<150> 60/464,558

<151> 2003-04-22

<160> 6

<170> PatentIn version 3.2

<210> 1

<211> 693

<212> DNA

<213> Arabidopsis thaliana

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<210> 2

<211> 230

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<213> Arabidopsis thaliana

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 65 70 75 80
 Pro Trp Phe Asn Ser Tyr Ala Lys Leu Ile Leu Trp Val Gly Asp Phe
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 Lys Pro Ser Leu Val Phe Lys Leu Thr Glu Val Ser Val Ala Asp Leu
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 Thr Arg His Gln Lys Asp Arg Ile Ser Ser Leu Lys Ser Glu Thr Arg
 115 120 125
 Arg Lys Glu Arg Glu Val Met Arg Asp Phe Ala Leu Val Gln Gln Ser
 130 135 140
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 145 150 155 160
 Gly Met Val Asp Gly Glu Glu Thr Asp Leu Glu Glu Ala Met Glu Val
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 Cys Ser Thr Val Gly Lys Val Val Glu Ile Leu Thr Pro Pro Gln Ala
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<212> DNA
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aagaaggggtg attgggcacg ccgcgtccac cactgatatg cgatttatta ggggataatc 960
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gc at tt ta gt	tt a at ta ta t	ta tt at gt at	ga t gt tt gc ca	gt ta at tt ct	cc a ac tt gg c	1200
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 <212> DNA
 <213> *Arabidopsis thaliana*

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aa at ca ag at	tt gg at ca gc	tt gt ac gt gc ct ca aa ag ac ga cg ca ca aca a ca ag aa 180
ca ca at ga c	at ga t gt tt g	ca t ct tt ta at tc at ag t gt g tg aa ac at t at ga ag aa ta 240
tt at ag ag ag	aa at ca gc at	ac g ct at ta g tg at at tt ta gg ca t gt tt gc ac cc ct ca t g 300
gt ta ag ta at	ct t ga ag at g	ca tt tt tt at g ga tt gg t gg a tg ga ga ct ta gt at gg ct tt 360
tc at tt gt ta	ta ct ca aa at	ca gg ta ta ca ac tt ga ag ct aa t ct t ca t g ag tt aa tt ag 420
ag ga tt ta ac	ac aa a ag at t	tag ga aa tt t a ag t gg ta at ca ac tt gt at ta at t ga t ga 480
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gg at ga t ca a	tt ag tt gt ta	at ga t ga ag a gg aa aa at t a ag aa aa ta tt ag ta aa aa 660
ag ag ga ag t	tt at tt gg at t	tg tt ga aa aa ag ct ga t ga t ta ag gt ta a gt a ca at ta a 720
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ac tt ca tt tt g	ag ga tt ca t g	aa t gg g gt ta ga ag aa ag at g ct g ct g tt t ct ca t ca ta a 840
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gt ca tt ca ga	t ct at ta ga a	tg at a ca ga g aa ga t ca ac g tg gt ac t ta a ta gt tt at ga a 960
ta tt ct ta at	ta ct ac t ta a	gg ag ct ag cc aa at gt t at t ag ta tt aa tt ac ta gg ta ga 1020
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tga		1083